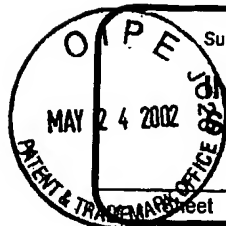


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1 of 2

Complete if Known

Application Number	10/083,781
Filing Date	February 25, 2002
First Named Inventor	Michael J. Zaworotko
Group Art Unit	4645 1711
Examiner Name	Nutter
Attorney Docket Number	USF-104XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	U1	6,180,024	B1	Blackwood et al.	01-30-2001	All
	U2	6,187,440	B1	Wu	02-13-2001	All
	U3					
	U4					
	U5					
	U6					
	U7					
	U8					
	U9					
	U10					
	U11					
	U12					
	U13					
	U14					
	U15					
	U16					
	U17					

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	F1							
	F2							
	F3							
	F4							
	F5							
	F6							
	F7							
	F8							
	F9							
	F10							

Examiner Signature	<i>Charles W. Nutter</i>	Date Considered	10-27
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

Complete if Known

Applicati n Number 10/083,781
Filing Date February 25, 2002
First Named Inv ntor Michael J. Zaworotko
Group Art Unit 1645 1711
Examiner Name
Attorney Docket Number USF-104XC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
~	R1	ABOURAHMA, H. <i>et al.</i> "Hydroxylated nanoballs: synthesis, crystal structure, solubility and crystallization on surfaces" <i>Chem. Commun.</i> , 2001, 2380-2381.
~	R2	BOURNE, S.A. <i>et al.</i> "Self-assembly of nanometer-scale secondary building units into an undulating two-dimensional network with two types of hydrophobic cavity" <i>Angew. Chem. Int. Ed.</i> , June 2001, 40(11):2111-2113.
~	R3	JOTHAM, R.W. <i>et al.</i> "Antiferromagnetism in transition-metal complexes. Part IV. Low-lying excited states of binuclear copper (II) carboxylate complexes" <i>Dalton Trans.</i> , 1972, pp. 428-438.
~	R4	KATO, M. <i>et al.</i> "Copper(II) complexes with subnormal magnetic moments" <i>Chem. Rev.</i> , 1964, 64(2):99-128.
~	R5	LU, J. <i>et al.</i> "Polygons and faceted polyhedra and nanoporous networks" <i>Angew. Chem. Int. Ed.</i> , 2001, 40(11):2113-2116.
~	R6	MOULTON, B. <i>et al.</i> "Nanoballs: nanoscale faceted polyhedra with large windows and cavities" <i>Chem. Commun.</i> , 2001, 863-864.
~	R7	MOULTON, B. and M. ZAWOROTKO "From molecules to crystal engineering: supramolecular isomerism and polymorphism in network solids" <i>Chem. Rev.</i> , June 2001, 101(6):1629-1658.
~	R8	SUN, S.H. <i>et al.</i> "Monodisperse FePt Nanoparticles and Ferromagnetic FePt Nanocrystal Superlattices" <i>Science</i> , March 17, 2000, 287:1989-1992.
~	R9	TAMURA, H. <i>et al.</i> "Semiconductor Ferromagnetism in Quantum Dot Array" <i>Phys. Status Solidi B.</i> , March 19, 2001, 224(3):723-725.
~	R10	YAGHI, O.M. <i>et al.</i> "Synthetic strategies, structure patterns, and emerging properties in the chemistry of modular porous solids" <i>Acc. Chem. Res.</i> , 1998, 31(8):474-484.
~	R11	ZHANG, X.X. <i>et al.</i> "Cooperative magnetic behavior in the coordination polymers [Cu ₂ (TMA) ₂ L ₃] (L = H ₂ O, pyridine)" <i>J. Appl. Phys.</i> , May 1, 2000, 87(9):6007-6009.
	R12	
	R13	

Examiner Signature

[Handwritten Signature]

Date Considered

10-04

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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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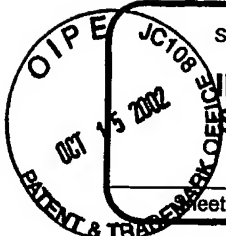
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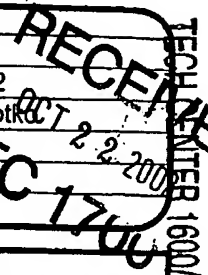
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number 10/083,781
Filing Date February 25, 2002
First Named Inventor Michael J. Zaworotk
Group Art Unit 1845 171
Examiner Name Nu-Ha
Attorney Docket Number USF-104XC1



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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	U1	5,648,508		Yaghi	07-15-1997	All
W	U2	4,880,761		Bedard <i>et al.</i>	08-14-1989	All
W	U3	4,500,651		Lok <i>et al.</i>	02-19-1985	All
W	U4	4,454,153		Lowicki <i>et al.</i>	06-12-1984	All
W	U5	4,440,871		Lok <i>et al.</i>	04-03-1984	All
W	U6	4,310,440		Wilson <i>et al.</i>	01-12-1982	All
	U7					
	U8					
	U9					
	U10					
	U11					
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
W	F1	WO	99/05151	A1	Keper <i>et al.</i>	02-04-1999	All	
	F2							
	F3							
	F4							
	F5							
	F6							
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	F9							
	F10							

Examiner Signature

Walter H. Luther

Date Considered

9-04

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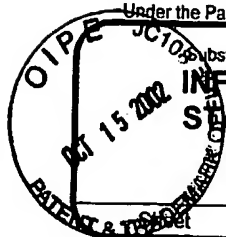
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known	
Application Number	10/083,751
Filing Date	February 26, 2002
First Named Inventor	Michael J. Zaworotko
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	USF14XC1

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	BOURNE, S.A. <i>et al.</i> "1-D coordination polymers containing benzenedicarboxylate" <i>Crystal Engineering</i> , 2001, 4:25-36.	
	R2	CHUI, S. <i>et al.</i> "A Chemically Functionalizable Nanoporous Material [Cu ₃ (TMA) ₂ (H ₂ O) ₃] _n " <i>Science</i> , February 19, 1999, 283:1148-1150.	
	R3	YAGHI, O.M. <i>et al.</i> "Crystal Growth of Extended Solids by Nonaqueous Gel Diffusion" <i>Chem. Mater.</i> , 1997, 1074-1076.	
	R4	BOURNE, S.A. <i>et al.</i> "Coexisting covalent and noncovalent nets: parallel interpenetration of a puckered rectangular coordination polymer and aromatic noncovalent nets" <i>Chem. Commun.</i> , 2001, 9:861-862.	
	R5	WU, C-D. <i>et al.</i> "Hydrothermal synthesis of two new zinc coordination polymers with mixed ligands" <i>Inorganic Chemistry Communications</i> , 2001, 4:561-564.	
	R6	SHI, Q. <i>et al.</i> "Solvothermal syntheses and crystal structures of two metal coordination polymers with double-chain structures" <i>Polyhedron</i> , 2001, 20:3287-3293.	
	R7	PLATER, M.J. <i>et al.</i> "Synthesis and characterization of polymeric manganese and zinc 5-hydroxyisophthalates" <i>Polyhedron</i> , 2001, 20:2293-2303.	
	R8	OSHIO, H. and H. ICHIDA "Control of Intramolecular Magnetic Interaction by the Spin Polarization of d _n Spin to p _n Orbital of an Organic Bridging Ligand" <i>J. Phys. Chem.</i> , 1995, 99:3294-3302.	
	R9	HOLLEMAN, A.F. <i>et al.</i> "Lehrbuch der Anorganischen Chemie 101. Auflage" NO DATE	
	R10	KEPERT, C.J. and M.J. ROSSEINSKY "A porous chiral framework of coordinated 1,3,5-benzenetricarboxylate: quadruple interpenetration of the (10,3)-a network" <i>Chem. Commun.</i> , 1998, 1:31-32.	
	R11	YAGHI, O.M. <i>et al.</i> "Construction of Porous Solids from Hydrogen-Bonded Metal Complexes of 1,3,5-Benzenetricarboxylic Acid" <i>J. Am. Chem. Soc.</i> , 1996, 118:9096-9101.	
	R12	YAGHI, O.M. <i>et al.</i> "Selective binding and removal of guests in a microporous metal-organic framework" <i>Nature</i> , December 14, 1995, 378:703-706.	
	R13		

Examiner Signature		Date Considered	9-04
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